

(FILE 'HOME' ENTERED AT 16:49:40 ON 23 MAY 2001)

FILE 'CAPLUS' ENTERED AT 16:49:47 ON 23 MAY 2001

L1 12 S OOCYTE?(P) (SNAP OR NITROACETYL PENICILLAMINE)
L2 11 S L-NAME AND OOCYTE?
L3 902399 S HUMAN
L4 4 S L2 AND L3
L5 76 S L-NAME AND (TOPICAL? OR VAGINAL?)
L6 71 S L-NAME (P) (TOPICAL? OR VAGINAL?)
L7 2 S L-NAME (P) VAGINAL?
L8 27 S L-NAME (P) TOPICALLY
L9 23530 S OOCYTE?
L10 0 S L8 AND L9
L11 37068 S FERTILIZATION
L12 0 S L11 AND L8
L13 113127 S FERTILIZ?
L14 0 S L8 AND L13
L15 2298 S CONTRACEPTION
L16 0 S L15 AND L5
L17 91782 S PREGNAN?
L18 1 S L17 AND L5
L19 1193 S NITROARGININE
L20 0 S L15 AND L19
L21 12 S L17 AND L19
L22 1 S L1 AND L3

FILE 'REGISTRY' ENTERED AT 17:30:12 ON 23 MAY 2001

L23 0 S NITROSOPENICILLAMINE/CN
L24 1 S S-NITROSOPENICILLAMINE/CN

FILE 'CAPLUS' ENTERED AT 17:31:31 ON 23 MAY 2001

FILE 'REGISTRY' ENTERED AT 17:31:39 ON 23 MAY 2001

SET SMARTSELECT ON
L25 SEL L24 1- CHEM : 2 TERMS
SET SMARTSELECT OFF

FILE 'CAPLUS' ENTERED AT 17:31:43 ON 23 MAY 2001

L26 34 S L25
L27 23530 S OOCYTE?
L28 0 S L26 AND L27
L29 131380 S FERTILI?
L30 0 S L29 AND L26
L31 13694 S VAGIN?
L32 0 S L31 AND L26
L33 91782 S PREGNAN?
L34 0 S L33 AND L26

FILE 'REGISTRY' ENTERED AT 17:34:47 ON 23 MAY 2001

L35 1 S S-NITROACETYL PENICILLAMINE/CN

FILE 'CAPLUS' ENTERED AT 17:35:29 ON 23 MAY 2001

FILE 'REGISTRY' ENTERED AT 17:35:37 ON 23 MAY 2001

SET SMARTSELECT ON
L36 SEL L35 1- CHEM : 8 TERMS
SET SMARTSELECT OFF

FILE 'CAPLUS' ENTERED AT 17:35:48 ON 23 MAY 2001

L8 ANSWER 10 OF 19 CAPLUS COPYRIGHT 2001 ACS

AB The effect of **nitric oxide** (NO) on follicular development and ovulation was studied. Follicular fluid was individually collected from 23 women undergoing IVF treatment. The concn. of NO, IL-1.beta., estradiol (E2), and progesterone (P) was assayed with Fluorometry, ELISA, and RIA. Follicular NO was significantly correlated with follicular IL-1.beta. concns. ($r = 0.49$ $P < 0.001$) and was also significantly and pos. correlated with the no. of **oocytes** retrieved ($r = 0.62$, $P < 0.01$) and serum E2 ($r = 0.46$ $P < 0.05$). A certain level of NO was present in follicular fluid during **human** periovulatory period. It might be regulated by IL-1.beta..

ACCESSION NUMBER: 1998:808465 CAPLUS

DOCUMENT NUMBER: 130:180522

TITLE: Analysis of **nitric oxide** in follicles fluid during periovulatory period
Meng, Tao; Kodama, Hideya; Tanaka, Toshinobu; Qu, Lurong

AUTHOR(S):
CORPORATE SOURCE: Department of Obstetrics + Gynecology, The Second Clinical College, China Medical University, Shenyang, 110003, Peop. Rep. China

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DOCUMENT TYPE: Journal

LAN

→ *Chiron*

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L37
L38

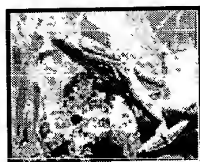
3969 S L36
14 L37 AND L27



ARTICLE

Format for Printing

clawed frog



Platanna (*Xenopus laevis*)

also called AFRICAN CLAWED FROG (genus *Xenopus*), any member of 6 to 14 species of tongueless, aquatic African frogs (family Pipidae) having small black claws on the inner three toes of the hind limbs.

Xenopus species are generally dull-coloured. Their bodies are relatively flat and bear whitish fringelike mucus canals that serve as sensory organs. When feeding they hang just below the surface of stagnant or slow-flowing muddy waters with outspread forelimbs, waiting for prey to pass by. Because they are tongueless, they rely on the forelimbs to guide food to their mouths, with additional aid from the rapid forward thrust of their powerful hind limbs. Considered among the more primitive species of frogs, *Xenopus* species have a simple egg-laying strategy: eggs are scattered individually over submerged vegetation.

Xenopus was once widely used for tests for human pregnancy because researchers found that young female clawed frogs would lay eggs when injected with minute quantities of a human hormone found in the urine of pregnant women. Though other types of pregnancy tests have since proved more reliable, *Xenopus* is still used in embryological and anatomical research.

One of the more important species is the platanna (*X. laevis*) of southern Africa, a smooth-skinned frog about 13 cm (5 inches) long. It is a valuable mosquito control because it eats the eggs and young of these insects. Native to sub-Saharan Africa, *X. laevis* was introduced to the United States and Britain.

INTERNET LINKS

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more specific

- species
- platanna

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clawed frog (amphibian)

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